

Product datasheet for **RG235593**

zinc finger protein 138 (ZNF138) (NM_001271640) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: zinc finger protein 138 (ZNF138) (NM_001271640) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: zinc finger protein 138
Synonyms: pHZ-32
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235593 representing NM_001271640.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGACCACTGACATTTATGGATGTGGCCATAGAGTTCTCTTTGGAGGAGTGGCAGTGCCTGGACACT
GCACAGCGGAATGTATATAGGCATGTGATGTTAGAGAAGTACAGAAACCTGGTTTTCTTGCTGTAGCA
TTTACCTTTGATCTCAGTGGACTCAACATTTTGTCAATCCAAAGTATCCTGCCATTTGTTTCAGCACTT
TATGTCATGGGAAACAGAAACAGTGTCTGCAAAGCACCTAGAAGCCAGAAATAAAGATCTCTGTGT
CTCGTTTTGCCAAGACCTTTGGC
ACGCGTACGCGCCGCTCGAG - GFP Tag - GTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235593
Blue=ORF Red=Cloning site Green=Tag(s)

```
MGPLTFMDVAIEFSLLEWQCLDTAQRNVYRHVMLENYRNLVFLAVFTFDLSGLNLSFQSIPLPFVSAL
YVMGNRNQCLQKHLEARNKDLCVLLPKTFG
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI

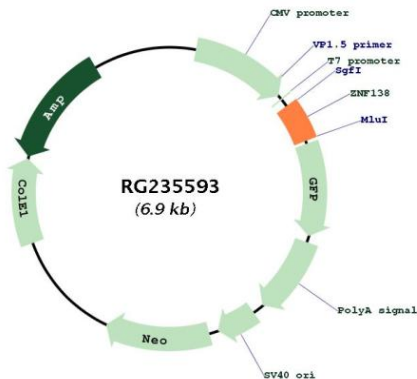


Cloning Scheme:



- ACCN: NM_001271640
- ORF Size: 300 bp
- OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)
- OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
- Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
- RefSeq: [NM_001271640.2](#)
- RefSeq Size: 2679 bp
- RefSeq ORF: 303 bp
- Locus ID: 7697
- Cytogenetics: 7q11.21
- Protein Families: Transcription Factors
- MW: 12 kDa
- Gene Summary: May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG235593